

L11 ANSWER 11 OF 11 CAPLUS COPYRIGHT 2003 ACS on STN  
AN 1997:90072 CAPLUS  
DN 126:276119  
TI Pattern of usage and somatic hypermutation in the VH5 gene segments of a  
patient with asthma. Implications for IgE  
AU Snow, Rachel E.; Chapman, Caroline J.; Frew, Anthony J.; Holgate, Stephen  
T.; Stevenson, Freda K.  
CS Tenovus Laboratory, Southampton Univ., Southampton, SO16 6YD, UK  
SO European Journal of Immunology (1997), 27(1), 162-170  
CODEN: EJIMAF; ISSN: 0014-2980  
PB VCH  
DT Journal  
LA English  
RN 183978-80-5  
RN 183978-81-6  
RN 183978-82-7  
RN 183978-83-8  
RN 183978-84-9  
RN **183978-85-0**  
RN 183978-86-1  
RN 183978-87-2  
RN 183978-89-4  
RN 183978-90-7  
RN **183978-91-8**  
RN 183978-92-9  
RN 183978-93-0  
RN 183978-94-1  
RN 183978-95-2  
RN 183978-96-3  
RN 183978-97-4  
RN 183978-98-5  
RN 183979-23-9  
RN 183979-48-8  
RN 183979-49-9  
RN 183979-50-2  
RN 183979-51-3  
RN 183979-52-4  
RN 183979-53-5  
RN 183979-54-6  
RN 183979-55-7  
RN 183979-56-8  
RN 183979-57-9  
RN 183979-58-0  
RN 183979-59-1  
RN 183979-60-4  
RN 183979-61-5  
RN 183979-62-6  
RN 183979-63-7  
RN 183979-64-8  
RN 183979-65-9  
RN 183979-66-0  
RN 183979-83-1  
RN 183979-84-2  
RN 183979-85-3  
RN 183979-86-4  
RN 183979-87-5  
RN 183979-92-2  
RN 183979-93-3  
RN 183979-94-4  
RN 183979-95-5  
RN 183979-96-6

RN 183979-97-7  
RN 183979-98-8  
RN 183979-99-9  
RN 183980-00-9  
RN 183980-01-0  
RN 183980-02-1  
RN 188288-06-4  
RN 188288-07-5  
RN 188288-08-6  
RN 188288-09-7  
RN 188288-10-0  
RN 188288-11-1  
RN 188288-12-2  
RN 188288-13-3  
RN 188288-14-4  
RN 188288-15-5  
RN 188288-16-6  
RN 188288-17-7  
RN **188288-18-8**  
RN 188288-19-9  
RN 188288-20-2  
RN 188288-21-3  
RN 188288-22-4  
RN 188288-24-6  
RN 188288-25-7  
RN 188288-26-8  
RN 188288-27-9  
RN 188288-28-0

IT **183978-85-0**, GenBank X94060 **183978-91-8**, GenBank X94005

**188288-18-8**, GenBank X94075

RL: PRP (Properties)

(nucleotide sequence; gene usage pattern and somatic hypermutation in  
VH5 gene segments of IgA, IgG, IgM and IgE in human with asthma)

RN 183978-85-0 CAPLUS

CN DNA (human clone STIgAVH516 immunoglobulin A .alpha.-chain VH5-D-JH6b  
region cDNA) (9CI) (CA INDEX NAME)

SEQ 1 gaggtgcagc tgggtgcagtc tggagcagaa gtgagaaagc ccgggggactc  
51 tctaaagatc tcctgtaagg gatctggata cagcttcacc accttctgga  
101 tcgggtggct gcgtcagaag cccgggaaag gcctggagtg gatgggaatt  
151 acttataccta gtgactctaa aacaagatac agtgtgtcct ttgaaggcca  
201 ggtcaccatc tccgccgaca agtccgtcgg caccgcctac ctgcagtggc  
251 gcagcctgaa ggccctcggac accgccacct attactgtgc gagtaatcgg  
301 gcacgctatt ttgactggga tgtcagtggg atggacgtct ggggccaagg  
351 gaccacggtc atcgtctcct ca

RN 183978-91-8 CAPLUS

CN DNA (human clone STIgEVH52.A1 immunoglobulin E .epsilon.-chain VH5-D-JH1  
region cDNA) (9CI) (CA INDEX NAME)

SEQ 1 gaggtgcagc tgggtgcagtc tggagcagag gtgaaaaagc ccgggggagtc  
51 tctgaagatc tcctgtaagg gttctggta cagctttagc acccgctgga  
101 tcggctgggt gcgccagatg cccgggaaag gcctggagtg gatgggcttc  
151 atctataccta gtgactctga taccagctac agcccgtcct tccaaggcca  
201 ggtcaccatc tcagccgaca agtccgtcag caccgcctac ctgcagtgga  
251 gcagcctgca ggccctcggac accgccatgt attactgtgc gaaaacctcc  
301 gggggtggtt attactacca gtacctcaa cactgggggcc agggcaccct  
351 ggtcatcgtc tcctca

RN 188288-18-8 CAPLUS  
CN DNA (human clone STIgGVH534 immunoglobulin G .gamma.-chain VH5-D-JH4b  
region cDNA) (9CI) (CA INDEX NAME)

SEQ 1 gaggtgcagc tgggtgcagtc cggagcagag gtgaaaaagc ctggggagtc  
51 tctgaggatc tcctgtaagg cttctggata catctttacc agctactgga  
101 tcaactgggt gcgccagatg cccgggaaaag gcctggagtg gatggggagg  
151 attgataccta gtgatacctaa tgactcttat aacaactaca acccgtcctt  
201 ccaaggccac gtcaccatct cagccgacaa gtccatcaga gccgcctatc  
251 tgcagtggag cagcctggag gcctcagaca ccgccatgta ttactgtgcg  
301 agacatggga ctactagtgc ctggtcaaga tttgactact ggggcgaggg  
351 aagcctggtc atcgtctcct ca

L11 ANSWER 11 OF 11 CAPLUS COPYRIGHT 2003 ACS on STN  
AN 1997:90072 CAPLUS  
DN 126:276119  
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patient with asthma. Implications for IgE  
AU Snow, Rachel E.; Chapman, Caroline J.; Frew, Anthony J.; Holgate, Stephen  
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CS Tenovus Laboratory, Southampton Univ., Southampton, SO16 6YD, UK  
SO European Journal of Immunology (1997), 27(1), 162-170  
CODEN: EJIMAF; ISSN: 0014-2980  
PB VCH  
DT Journal  
LA English

L3 ANSWER 1 OF 2 REGISTRY COPYRIGHT 2003 ACS on STN  
RN 480055-87-6 REGISTRY

SEQ3 1 Glu-Val-Gln-Leu-Leu-Glu-Ser-Gly-Val-Glu-  
====  
11 Ser-Gly-Gly-Gly-Leu-Val-Lys-Pro-Gly-Gly-  
21 Ser-Leu-Arg-Leu-Ser-Cys-Ala-Ala-Ser-Gly-  
31 Phe-Thr-Phe-Ser-Ser-Tyr-Ser-Met-His-Trp-  
41 Val-Arg-Gln-Gly-Pro-Gly-Lys-Gly-Leu-Glu-  
51 Trp-Val-Ser-Ser-Ile-Ser-Asn-Ser-Asn-Thr-  
61 Tyr-Ile-Tyr-Tyr-Ala-Asp-Ala-Val-Lys-Gly-  
71 Arg-Phe-Thr-Ile-Ser-Arg-Asp-Asn-Ala-Lys-  
81 Asn-Ser-Leu-Tyr-Leu-Gln-Met-Asn-Ser-Leu-  
91 Arg-Ala-Glu-His-Thr-Ala-Val-Tyr-Tyr-Cys-  
101 Ala-Arg-Asp-Ser-Arg-Tyr-Ser-Asn-Phe-Leu-  
111 Arg-Trp-Val-Arg-Ser-Asp-Gly-Met-Asp-Val-  
121 Trp-Gly-Gln-Gly-Thr-Thr-Val-Ile-Val-Ser-  
====  
131 Ser  
====

HITS AT: 1-10, 122-131

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

L3 ANSWER 2 OF 2 REGISTRY COPYRIGHT 2003 ACS on STN  
RN 348649-92-3 REGISTRY

SEQ3 1 Glu-Val-Gln-Leu-Leu-Glu-Ser-Gly-Val-Glu-  
====  
11 Ser-Gly-Gly-Gly-Leu-Val-Lys-Pro-Gly-Gly-  
21 Ser-Leu-Arg-Leu-Ser-Cys-Ala-Ala-Ser-Gly-  
31 Phe-Thr-Phe-Ser-Ser-Tyr-Ser-Met-His-Trp-  
41 Val-Arg-Gln-Gly-Pro-Gly-Lys-Gly-Leu-Glu-  
51 Trp-Val-Ser-Ser-Ile-Ser-Asn-Ser-Asn-Thr-  
61 Tyr-Ile-Tyr-Tyr-Ala-Asp-Ala-Val-Lys-Gly-  
71 Arg-Phe-Thr-Ile-Ser-Arg-Asp-Asn-Ala-Lys-  
81 Asn-Ser-Leu-Tyr-Leu-Gln-Met-Asn-Ser-Leu-  
91 Arg-Ala-Glu-His-Thr-Ala-Val-Tyr-Tyr-Cys-  
101 Ala-Arg-Asp-Ser-Arg-Tyr-Ser-Asn-Phe-Leu-  
111 Arg-Trp-Val-Arg-Ser-Asp-Gly-Met-Asp-Val-  
121 Trp-Gly-Gln-Gly-Thr-Thr-Val-Ile-Val-Ser-  
====  
131 Ser  
====

HITS AT: 1-10, 122-131

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS on STN  
 AN 2001:486257 CAPLUS  
 DN 135:91507  
 TI Prepn. and purification of human monoclonal antibodies to Rh(D) protein  
 IN Siegel, Donald L.  
 PA The Trustees of the University of Pennsylvania, USA  
 SO U.S., 162 pp., Cont.-in-part of U.S. 5,876,925.  
 CODEN: USXXAM  
 DT Patent  
 LA English  
 FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 6255455	B1	20010703	US 1999-240274	19990129
	US 5876925	A	19990302	US 1997-884045	19970627
	US 2003040605	A1	20030227	US 2001-848798	20010504
PRAI	US 1996-28550P	P	19961011		
	US 1997-884045	A2	19970627		
	US 1998-81380P	P	19980410		
	US 1999-240274	A3	19990129		

RE.CNT 49 THERE ARE 49 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

=>

L21 ANSWER 13 OF 19 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN  
AN 1998:68338 BIOSIS  
DN PREV199800068338  
TI Genetic and immunological properties of phage-display human anti-  
**RH(D) antibodies:** Implications for **RH(D)**  
epitope topology.  
AU **Siegel, D. L.;** Chang, T. Y.  
CS Dep. Path Lab. Med., Univ. Pennsylvania, Philadelphia, PA USA  
SO Blood, (Nov. 15, 1997) Vol. 90, No. 10 SUPPL. 1 PART 1, pp. 457A.  
Meeting Info.: 39th Annual Meeting of the American Society of Hematology  
San Diego, California, USA December 5-9, 1997 The American Society of  
Hematology  
. ISSN: 0006-4971.  
DT Conference  
LA English